

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51854 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 4 2015

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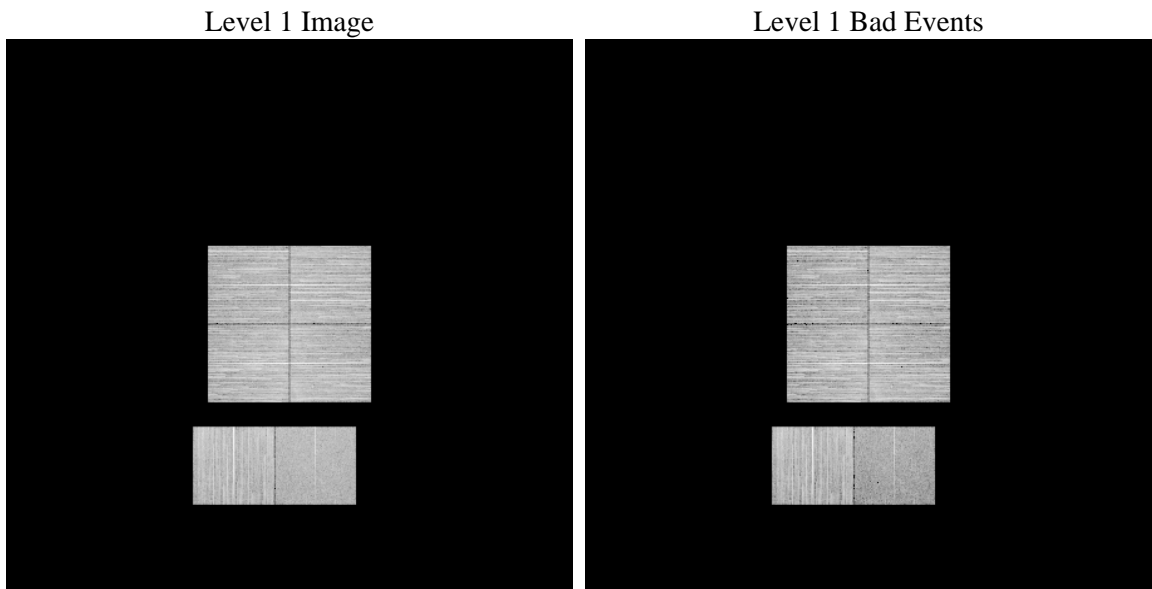
1 Front

seq_num	 	Sequence number
obs_id	51854	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	135.70699346318	Nominal RA [deg]
dec_nom	11.071928448239	Nominal Dec [deg]
roll_nom	250.86545123051	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7932.0907590389	Sum of GTIs [s]
livetime	7831.6498497163	Livetime [s]
ontime0	7932.049718976	Sum of GTIs [s]
ontime1	7928.7676587105	Sum of GTIs [s]
ontime2	7931.9676389694	Sum of GTIs [s]
ontime3	7928.8907784224	Sum of GTIs [s]
ontime6	7931.9265990257	Sum of GTIs [s]
ontime7	7932.0907590389	Sum of GTIs [s]
l2events	144901	Number of level 2 events

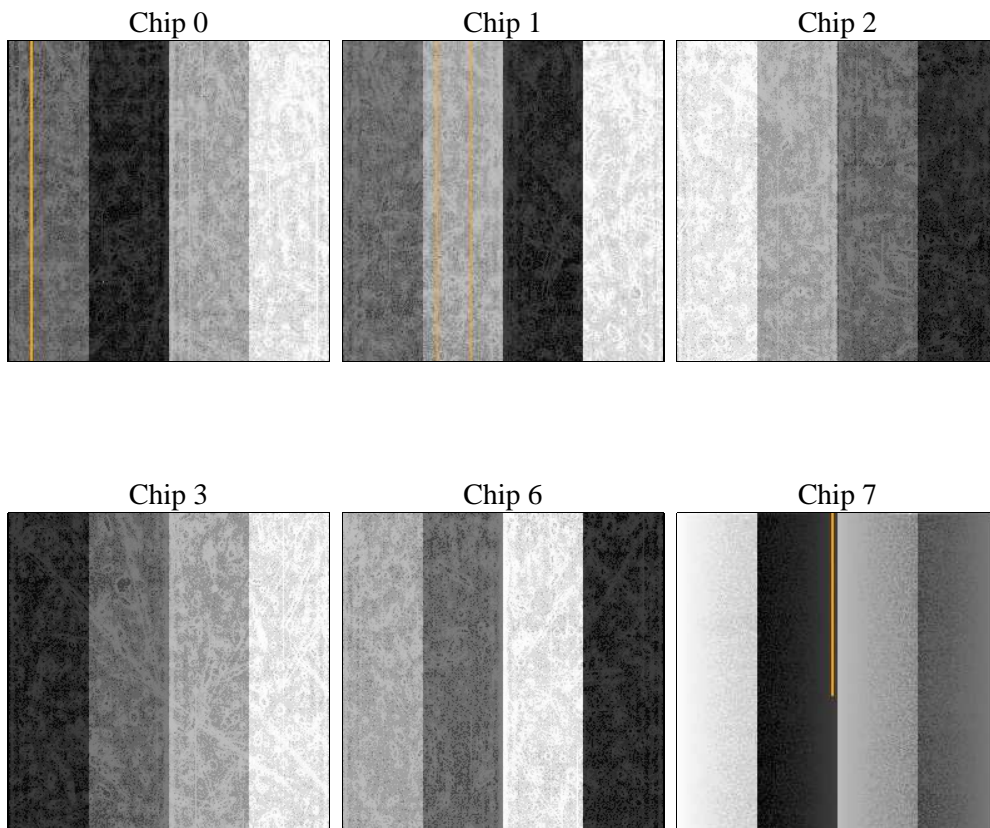
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	7932.0907590389	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	7932.049718976	Sum of GTIs [s]
date	2015-06-05T03:14:26	Date and time of file creation	ontime1	7928.7676587105	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7931.9676389694	Sum of GTIs [s]
			ontime3	7928.8907784224	Sum of GTIs [s]
			ontime6	7931.9265990257	Sum of GTIs [s]
			ontime7	7932.0907590389	Sum of GTIs [s]
			l1events	826483	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	128985	147371	149047	142801	146231	112048	grade 0 events	10256	9993	10582	10636	10530	5699
rejected events	107854	126111	127919	121407	124037	65103		7%	6%	7%	7%	7%	5%
rejected %	83%	85%	85%	85%	84%	58%	grade 1 events	47	59	71	79	52	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	4475	4732	4206	4254	4779	11524
								3%	3%	2%	2%	3%	10%
							grade 3 events	1516	1426	1547	1541	1477	3596
								1%	0%	1%	1%	1%	3%
							grade 4 events	1520	1454	1514	1549	1491	3634
								1%	0%	1%	1%	1%	3%
							grade 5 events	2740	2851	2611	3001	2892	7124
								2%	1%	1%	2%	1%	6%
							grade 6 events	3370	3663	3286	3420	3924	22520
								2%	2%	2%	2%	2%	20%
							grade 7 events	105061	123193	125230	118321	121086	57870
								81%	83%	84%	82%	82%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	135.7069934631776	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	11.07192844823853	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	250.865451230515	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	549518110.570298	549518109.5453			
Observation start date	2015-06-01T03:55:11	2015-06-01T03:55:09			
[s] Observation end time (MET)	549528442.570878	549528441.54588			
Observation end date	2015-06-01T06:47:23	2015-06-01T06:47:21			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9320907590389

A.2 Comments